

NAME
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CANADIAN JAVELIN LTD.

Lab. 413.

Julienne Project List of reports and
Data

Labrador (413)

Lab (413)

CONFIDENTIAL

JULIENNE PROJECT

LIST OF REPORTS AND DATA

<u>1 - HISTORY</u>	<u>REPORT NUMBER</u>
. Julian and Star - O'Keefe Iron Ores - CJL - 1968	# 751
. History of Exploration & Development and Guide to the Literature - Sept. 1974 - CJL	
 <u>2 - PROPERTY LOCATION</u>	
. Survey Reference Posts for Nalco-Javelin-LME Boundary Survey by W. B. Blakeman, January 2, 1973	# 251
. Survey costs explored with E. E. Granter & Assoc., May 1973	R-1
 <u>3 - GEOPHYSICS</u>	
. The Julian Deposit and its Extensions by D.M. Knowles, W. B. Blakeman, May 21, 1963 (CJL)	# 283
 <u>4 - GEOLOGY</u>	
. Geology Report on Wabush Lake Area by W. Boyko, 1953 (Nalco)	# 7
. Geologic Report on the Julienne Peninsula Iron Deposit by R. Gordon Gastil, Ph.D. - December 13, 1956 (CJL)	# 49

REPORT NUMBER

- . A report of Studies Conducted during 1959-1960 by David N. Knowles, June 1960 (CJL) # 280
- . Review of the Geology of the Julian Lake Deposit by D. Knowles, April 1963 (CJL) (map missing) # 281
- . Geology - Metallurgy Study by D. Knowles, CJL, April 19, 1963 # 281-A
- . The Julian Deposit - A Geologic Summary Report by David M. Knowles, July 26, 1966 CJL # 439
- . The Structural Development of Labrador Trough Formations in the Grenville Province, Wabush Lake Area by David Martin Knowles, 1967 Ph.D. Thesis - Columbia University # 465
- . A Study of the Mineralogic and Magnetic Characteristics of Metamorphosed Iron Formation from the Julian Deposit, Wabush Lake Area, Labrador, by William B. Blakeman, May 1968, M.Sc. Thesis - University of Vermont # 568

5 - PILOT PLANTS

- . Preliminary Estimate - 600 TPD Pilot Plant by Kilborn Engineering - 1959 # 128

6 - SAMPLING AND TEST PITS

- . Bulk Sampling Project, by CJL, May 1962 # 217
- . The Julienne Trench Stripping Project by D. Knowles, et al, December 1962 # 249
- . Report Concerning the 1963 Bulk Sample Project by D.M. Knowles, May 1, 1967 (CJL) # 463
- . Report Concerning the 1966 Bulk Sample Project by D. M. Knowles, July 5, 1967 (CJL) # 464

REPORT NUMBER

7 - DRILLING

- . Report of Exploration - Julian Ore Deposit # 52
1957 - by Pickands Mather
- . Julian Iron Corporation, Diamond Drilling, # 51
1957 by H. Mockler, (CJL)
- . Report of Exploration - Julian Ore Deposit # 71
1958 - by Pickands Mather

8 - ORE DRESSING

- . Report on Grinding and Concentration # 118 ✓
Tests by Lakefield Research of Canada Ltd.,
March 6, 1961
- . Spiral Test # 7972 - by Humphreys Engineering # 127
Co. June 2, 1961
- . Testing of Raw Materials for CJL by # 191 ✓
Elektrokemisk A/S, December 1961
- . Preliminary Testwork Report on a Sample of # 687
Iron Ore from Julian Deposit Using The Jones
High Intensity Wet Magnetic Separator by
Ferro-Magnetics Ltd. - May 24, 1973
- . Report on Full Scale Test Program for CJL # 690 ✓
Using the Jones Wet High Intensity Magnetic
Separator by Ferro-Magnetics Ltd. - August 7,
1973

9 - ORE RESERVES AND GRADE

- . Potential Ore Reserves Calculations by # 103
W. H. Roxburgh, August 3, 1960 (CJL)
- ✓ . Julian Deposit Estimate of Tonnage # 285
Open Pit Mining by D. Knowles, June 17, 1963
CJL
- . Computer Mapped Ore Grade Distribution Julian # 714
Iron Deposit - by W.B. Blakeman, December 19, 1973

10 - PELLETIZING

- . Estimate of Capital & Operating Cost for a Pelletizing Plant to Produce 2,160,000 Long Tons of Pellets per Year by Kilborn Engineering Ltd., April 1962 # 234
- . Pelletizing Test on Julian Ore at Dra Laboratory, Pittsburgh - by D. Knowles, CJL, January 21, 1963 # 286

11 - SMELTING

- . The Smelting of Julian Concentrates by the Strategic Udy Process - by Udy Process Inc., March 6, 1961 # 119
- . Memorandum re: Elektrokemisk Electric Smelting Investigation Bench Tests by W.H. Roxburgh, October 31, 1961 (CJL) # 169
- . Letter Report On Electric Iron Smelter and Steel Plant for the Wabush Lake Area, January 26, 1962 # 267
- . Smelting Tests for CJL by Elektrokemisk A/S, February 1962 # 215
- . Preliminary Estimate of the Cost of Production of Ingots or Continuous Cast Billets from Julian Concentrates by ppers Company, Inc., February 1962 # 206
- . Julian Iron & Steel Company, by Ramseyer & Miller, Inc., June 1, 1962 # 228
- . Experimental Smelting of Iron Ore Concentrates from CJL at Kristiansand, Norway, by R.R. Rogers, Department of Mines & Technical Surveys, January 1963 # 253

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12 - DEVELOPMENT

- (NB)
- . Development Work Proposals - by D.M. Knowles # 560
CJL - February 1968
 - . Kilborn discussions re mine development
May 7, 1973 R-2

13 - ENGINEERING STUDIES

- . Estimate of Capital and Operating Cost Mining and # 199 ✓
Concentrating Plant to Produce 2,000,000 Long Tons
of Concentrate per year, by Kilborn Engineering Ltd.,
February 6, 1962
- . Estimate of Capital & Operating Cost for # 209
Pelletizing and Electric Reduction Smelter to
Produce 540,000 Metric tons of Pig Iron per
Year by Kilborn Engineering Ltd., February 26, 1962
- . Summary Report on Geology, Ore Reserves, and # 222 ✓
Metallurgy, by CJL, May 1962
- . Julian Iron Deposit - Summary by CJL April 15, 1970 # 588 ✓
- . The Julian - Star O'Keefe Project Feasibility # 618
Assessment by Technical Economists Limited
November 1970
- . Julian and Star-O'Keefe Iron Ores by Kilborn
Engineering Ltd., November 1970
Vol I - Cost Estimates # 741
Vol II - Drawings # 741A
- . Report on Julian Iron Property by # 693 ✓
H.J. Bergman, P.Eng., September 7, 1973

14 - POWER REQUIREMENTS

- . Memorandum re: Power Requirements by # 374
W. H. Roxburgh, June 6, 1962, CJL
- . Discussions with Churchill Falls
(Labrador) Corporation Ltd., May-July 1973 R-3 ✓

REPORT NUMBER

15 - ROAD ACCESS

- . Wabush - Julian Road, by J.R. Rae, # 254
December 31, 1962 - (CJL)

16 - TOWNSITE

- . Preliminary Ground Examinations of Proposed # 252
Julian Townsite Area by W. Blakeman, CJL,
January 1963 (map is missing)

17 - RAILROAD

- . Julienne Railway - Reconnaissance Survey by # 296
D. Knowles, July 1963 - (CJL)
- . Arrangements considered with Quebec Cartier
Mining - November 1971 R-4

18 - WATER AND TAILINGS DISPOSAL

- . Preliminary reconnaissance surveys by
D. Knowles - (CJL) 1962-1964
- . Environment Canada letter of Sept. 4, 1973 R-13

19 - SHIPPING TERMINAL

- . Preliminary Site Selection Study of Proposed # 604
Ore Shipping Terminal for CJL by C.D. Howe
Company Ltd., August 1970

REPORT NUMBER

- . Preliminary Site Selection Study of Proposed Ore Shipping Terminal for CJL by C.D. Howe Company Ltd. - August 1970 # 604A ✓
- . Preliminary Planning: Iron Ore Pellet Storage & Shiploading Facilities at Sept Isles, Quebec # 610 ✓

20 - SLURRY PIPELINE

- . Slurry Pipeline Report by CJL, May 1970 # 593 ✓
- . Iron Concentrate Slurring Pipeline Preliminary Feasibility Study by Shel Pac Research and Development Ltd., July 1971 - # 636 ✓
- . Geotechnical Considerations in Respect of the Muskeg Portions of a Proposed Iron Ore Slurry Pipeline Route # 737 ✓

21 - MARKETING

- . Proposal to the European Steel Industry by CJL - 1967 - # 650
- . Proposal to the Japanese Steel Industry by CJL - 1968 - # 746 ✓
- . Turkish inquiry for 200,000 TPY - March 1971
- . Incontra Ltd., of Zurich, appointed as European sales agent June 18, 1971 R-7
- . Draft of Incontra sales proposal August 1971 R-8
- . British inquiry for 2,000,000 TPY June 1972 R-9 ✓
- . Roumanian inquiry for 1,000,000 TPY November 1973 R-10
- . Japanese inquiry for 3,000,000 TPY R-11
- . Sale and Participation Proposal to Selected European steel companies - CJL - 1969 # 748 ✓

22 - FINANCING

- Discussions with Bouchard & Co. Ltd.
March 9, 1973 - Intent letter
- Discussions with Loeb Rhodes, Inc.,
New York.

R-12 ✓